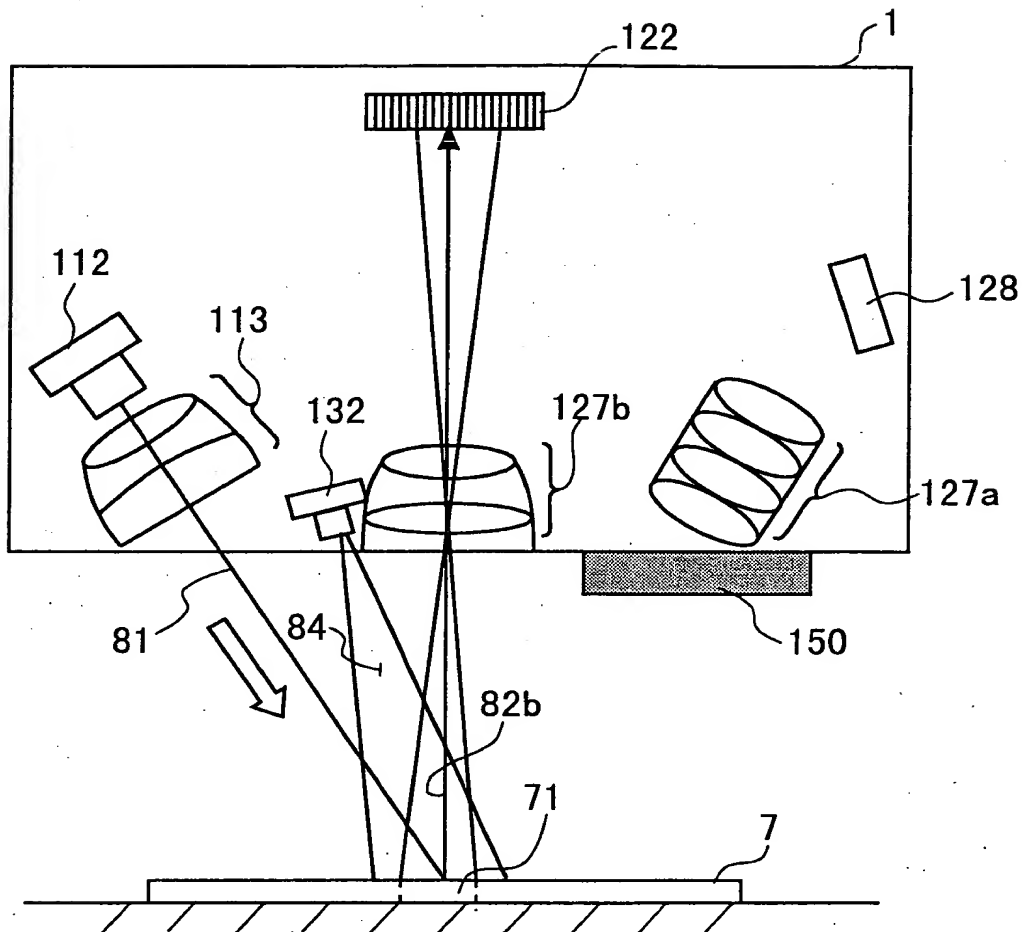
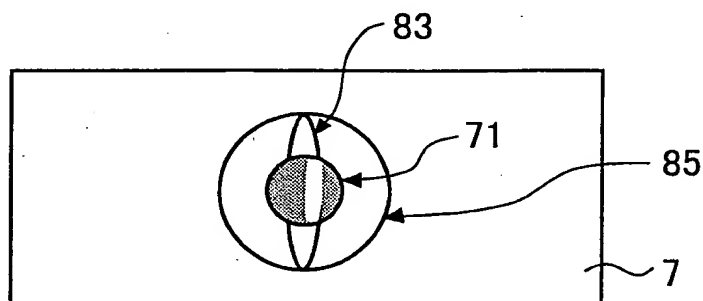


Fig.15



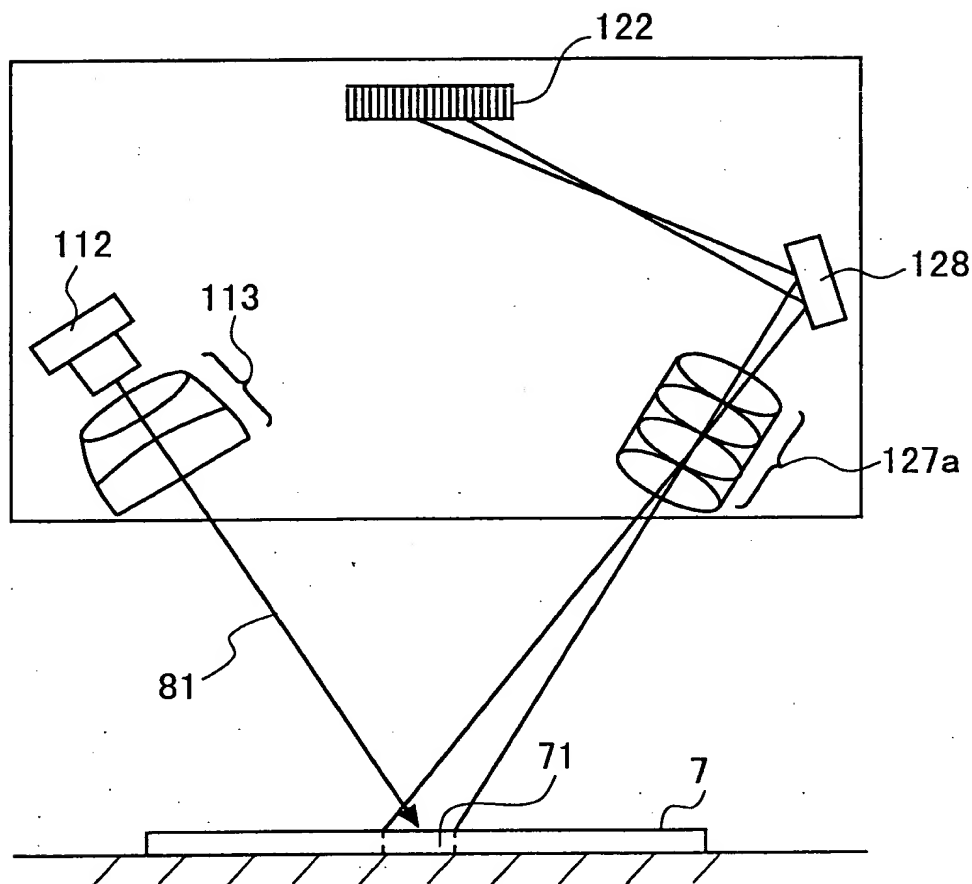
(a) diagram illustrating the observation mode of the displacement sensor of the present invention



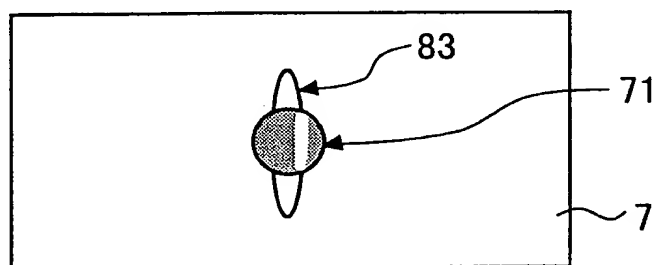
(b) view of the upper surface of the measurement object seen from above

A diagram showing the operation of the displacement sensor of the present invention under the ~~measurement~~ observation mode

Fig. 16



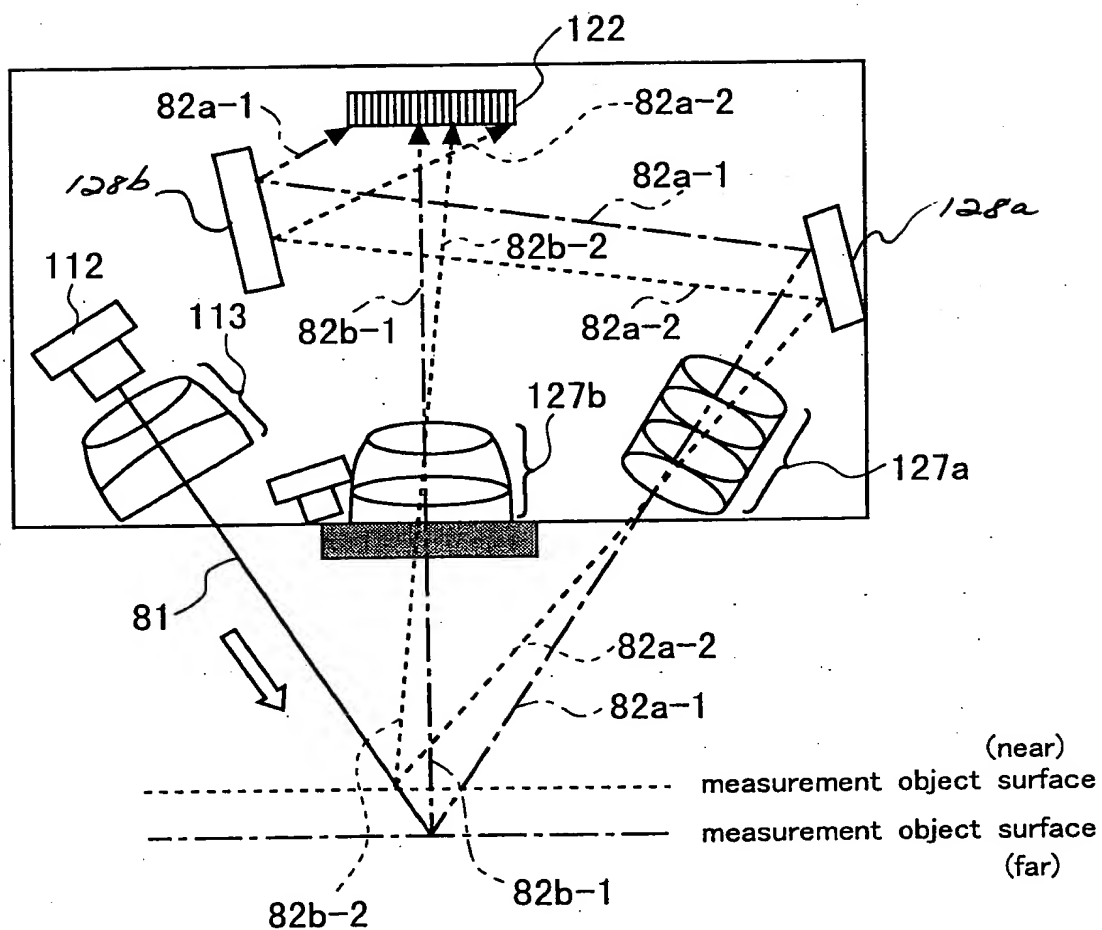
(a) diagram illustrating the observation mode using the measurement light path



(b) view of the upper surface of the measurement object seen from above

A diagram showing the operation of the displacement sensor
of the present invention under the observation mode
using the measurement light path

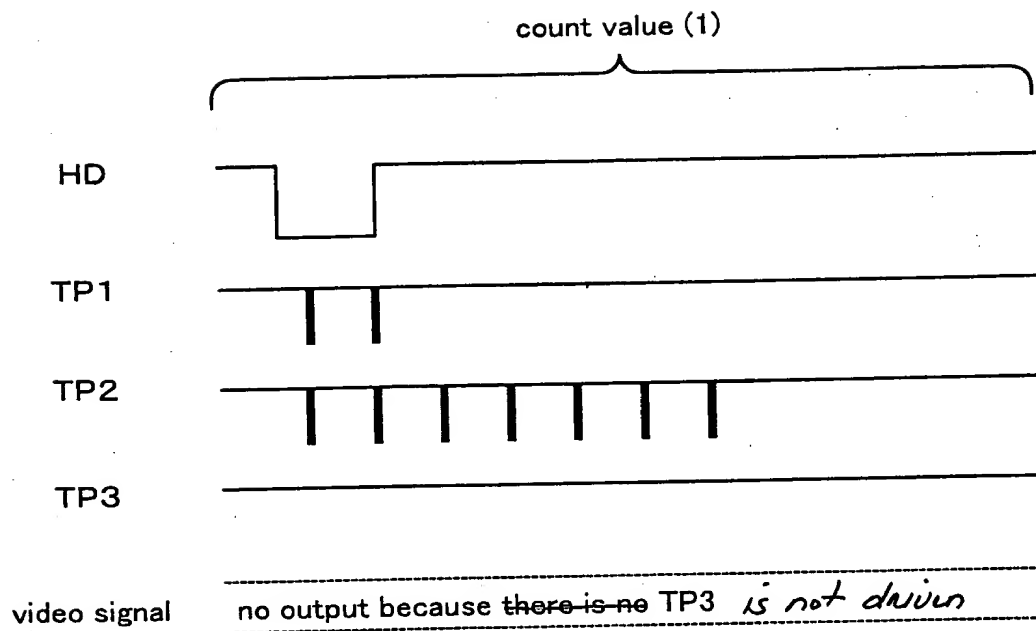
Fig. 18



A view showing a modified embodiment
of the sensor head of the present invention

ARK OFF
MAR 11 2002
O I P E J

Fig.40



A view showing a part of the time chart of Figure 39